

R-585-10-8-66

NON-SAMPLING SITE RECONNAISSANCE SUMMARY REPORT
HBC BARGE, INCORPORATED
PREPARED UNDER

TDD NO. F3-8808-35

EPA NO. PA-494

CONTRACT NO. 68-01-7346

ORIGINAL
(Red)

FOR THE

HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

NOVEMBER 22, 1988

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY


ENVIRONMENTAL SCIENTIST

REVIEWED BY


ENVIRONMENTAL SCIENTIST

APPROVED BY


ASSISTANT MANAGER

ORIGINAL
(Red)

Scope of Work

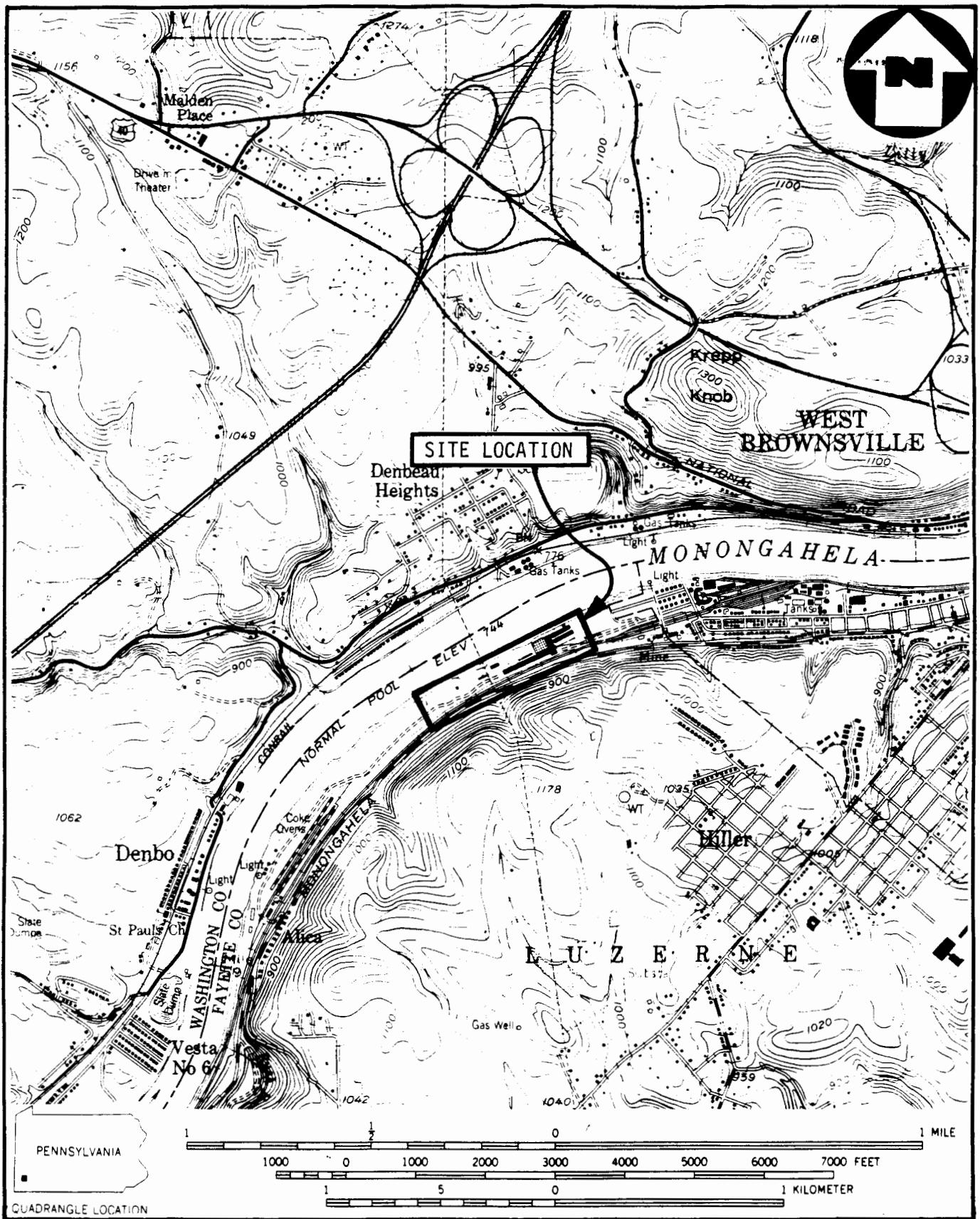
NUS FIT 3 was tasked to conduct a non-sampling site reconnaissance of the HBC Barge, Incorporated site, located in Brownsville, Fayette County, Pennsylvania.

Background Information

The HBC Barge, Incorporated site is located in Brownsville, Fayette County, Pennsylvania (see figure 1, page 2). The site occupies approximately 40 acres along the banks of the Monongahela River. HBC Barge, Incorporated buys steel plate, bends it into shape, and welds it to form barges. A small amount of repair work is also done at the site. Barge building and repair operations began at the site in 1938 or 1939, initiated by Hillman Barge Company. In 1978, the name of the company was changed to HBC Barge, Incorporated. Prior to the barge operations, the property was occupied by coke ovens and worker housing associated with a nearby coal mine. An aerial photograph of the property can be found in attachment 3.

A small area, covering approximately 15,000 square feet at the southwestern end of the property, was used as a dump from 1938 until 1980 (see figure 2, page 3). The wastes deposited in the area were reported to have been scrap metal, burned wood and garbage from the lunchroom, and crushed, empty paint drums. Flexible asbestos pipe was placed in the dump area in 1977. The pipe was enclosed in heavy-duty plastic garbage bags, as prescribed by state regulations, and buried under eight feet of fill. Posted signs identify the area containing the asbestos waste. The pipe was removed from a type of barge that is no longer refurbished by HBC Barge, Incorporated.

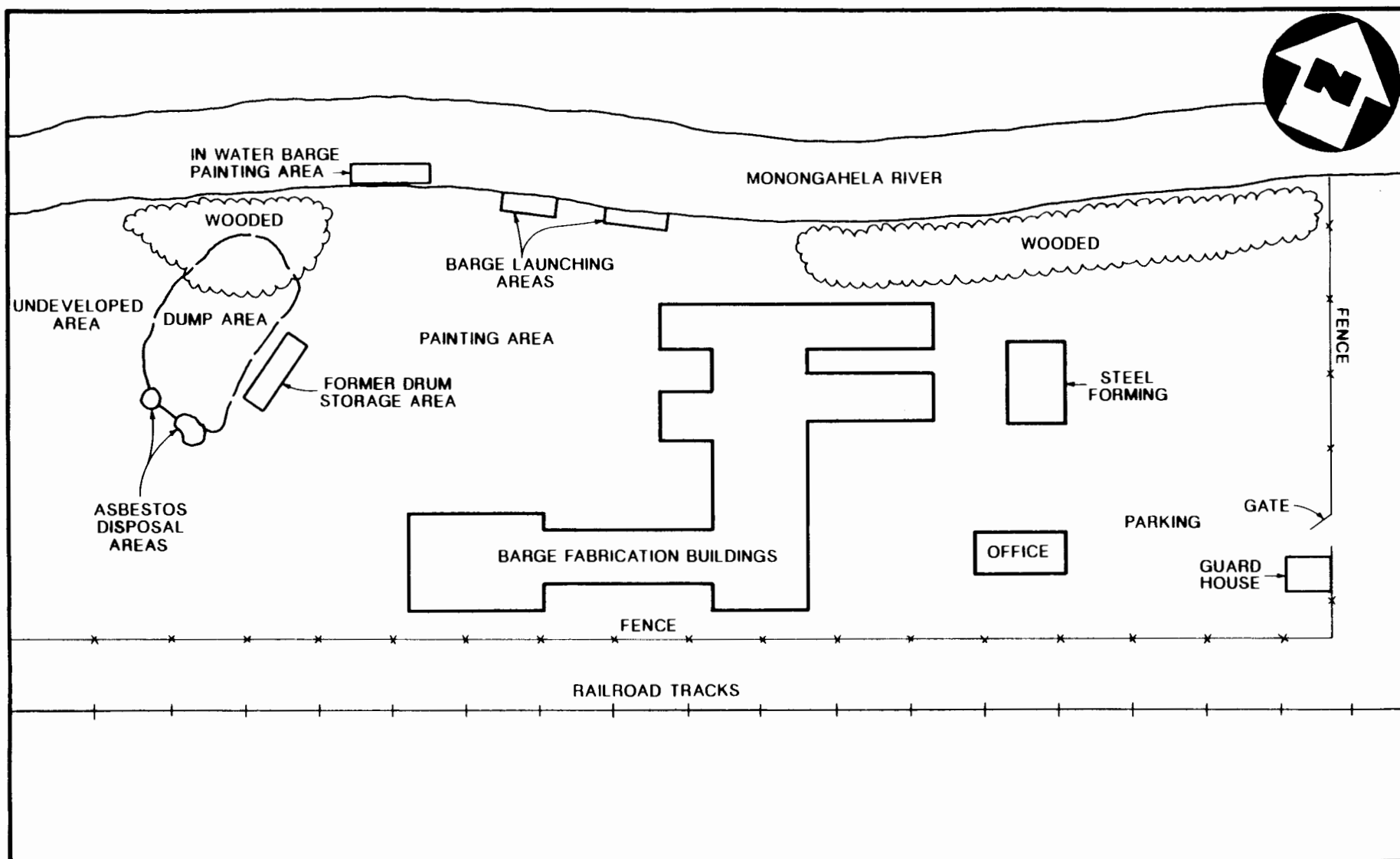
HBC Barge, Incorporated uses two areas for barge painting. The exteriors of the barges are painted on the property, above an unprotected ground surface. The interiors of the barges are painted while the barges are afloat in the Monongahela River. Three compounds are used in the painting process. The exteriors are painted with a red alkyd paint, and the interiors are treated with a petroleum-based rust proofer and painted with an alkyd paint. The material safety data sheets for these compounds can be found in attachment 4. Paint is purchased in large, reusable drums that are removed by the supplier when empty. HBC Barge, Incorporated is permitted by the Pennsylvania Department of Environmental Resources (PA DER) as a small-quantity generator of paint wastes (permit no. PAD004320313). The permit is currently being re-evaluated, because PA DER has determined that HBC Barge, Incorporated produces no paint waste.



SOURCE: (7.5 MINUTE SERIES) U.S.G.S. CALIFORNIA, PA., QUAD.

SITE LOCATION MAP
HBC BARGE INC.
 SCALE 1: 24000

FIGURE 1
 **NUS**
 CORPORATION



SITE SKETCH
HBC BARGE INC.
(NO SCALE)

FIGURE 2



ORIGINAL
COPY

Site Observations

- The HNU background reading was 0.2 ppm; no readings above background were recorded.
- The radiation mini-alert was set on the X1 scale; no readings above background were recorded.
- An area previously used as a dump occupied an area of approximately 15,000 feet at the southern end of the property.
- Warning signs concerning asbestos disposal were noted in the dump area.
- The dump area was well covered, with little exposed waste visible. The area had been revegetated.
- No leachate seeps were noted.
- Painting of the exterior of the barges was performed over an uncovered ground surface. Paint residue covered the soil in the painting area.
- The interiors of the barges were painted while the barges were floating on the Monongahela River.
- Drainage from the site follows the topography of the land to the northwest, into the Monongahela River.
- No stained soils were noted in the former drum storage area.
- Land use in the vicinity of the site included the Monongahela River and undeveloped land to the west, the Monongahela River and residential areas to the north, industrial and residential areas to the east, and a wooded hillside to the south.
- A fence surrounded the property, with the exception of the northern boundary. The Monongahela River bordered the property to the north. A gate restricted entrance along the access road.

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(Red)

ATTACHMENT 1

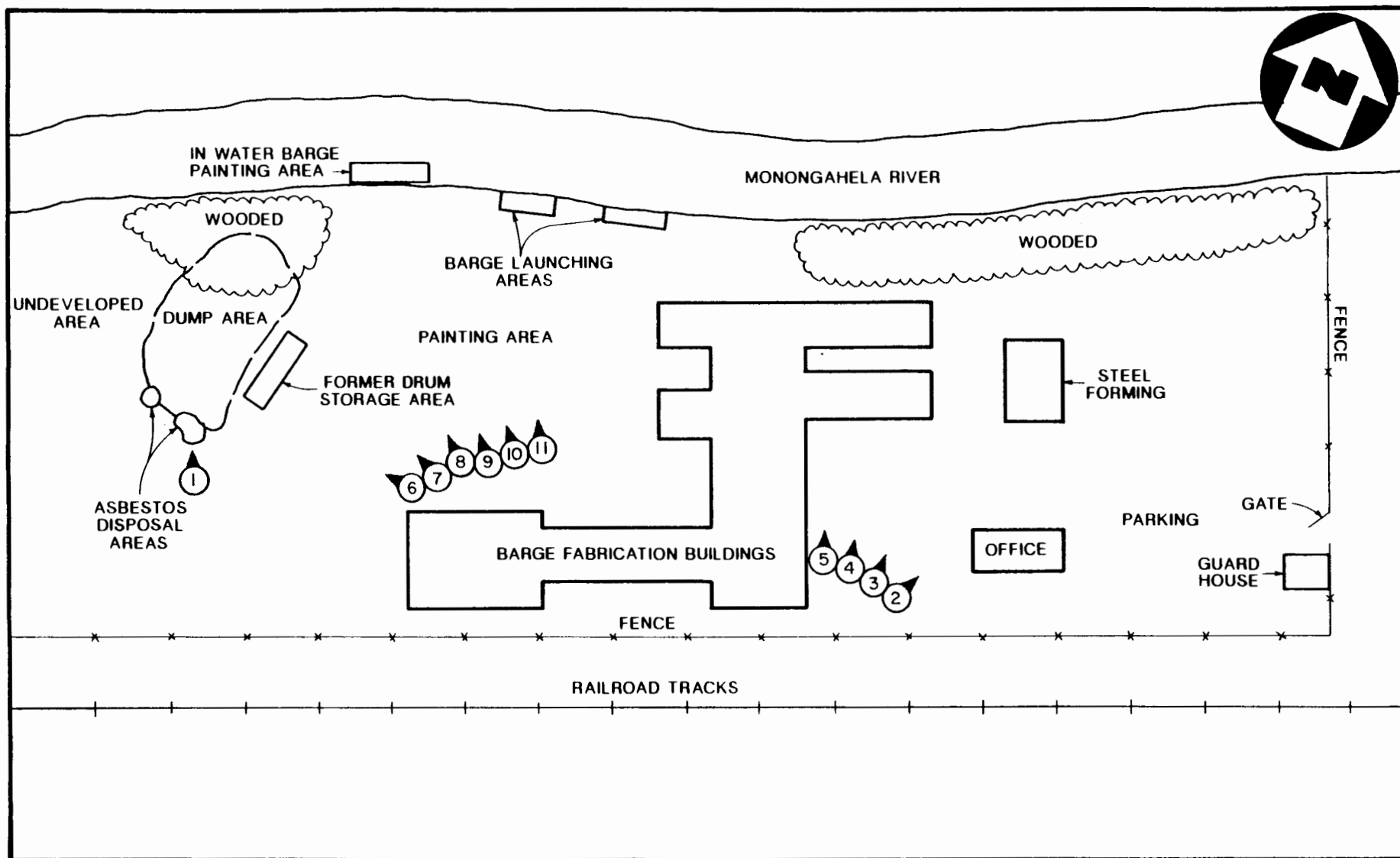


PHOTO LOCATION MAP
HBC BARGE INC.
 (NO SCALE)

FIGURE _____



Microbac

Microbac Laboratories, Inc

Schiller Division

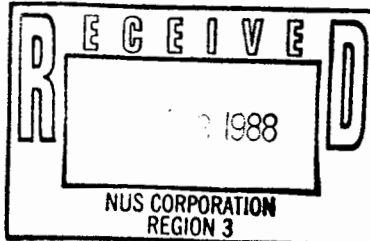
449 Rochester Road Pittsburgh, Pennsylvania 15237-1733

412/369-4830

Air • Fuel • Water • Food • Wastes

ORIGINAL
(Red)

BROWNSVILLE WATER COMPANY
P.O. Box 102
200 Bank Street
Brownsville, Penna. 15417



38-75
3-10-88
14513

Dear Sir:

Herewith are the results of the tests done on the samples received at our laboratory on 3-10-88.

SAMPLE: RAW WATER

TESTS: (SECONDARY)

RESULTS:

CHLORIDE	4	mg/l
COLOR	<1	units
COPPER	0.02	mg/l
IRON	2.39	mg/l
LANGLIERS INDEX	-1.77	
MANGANESE	0.45	mg/l
ODOR	1	T.O.N.
pH	6.2	
TOTAL DISSOLVED SOLIDS	164	mg/l
SULFATE	80	mg/l
MBAS	<0.03	mg/l
ZINC	0.19	mg/l

Respectfully

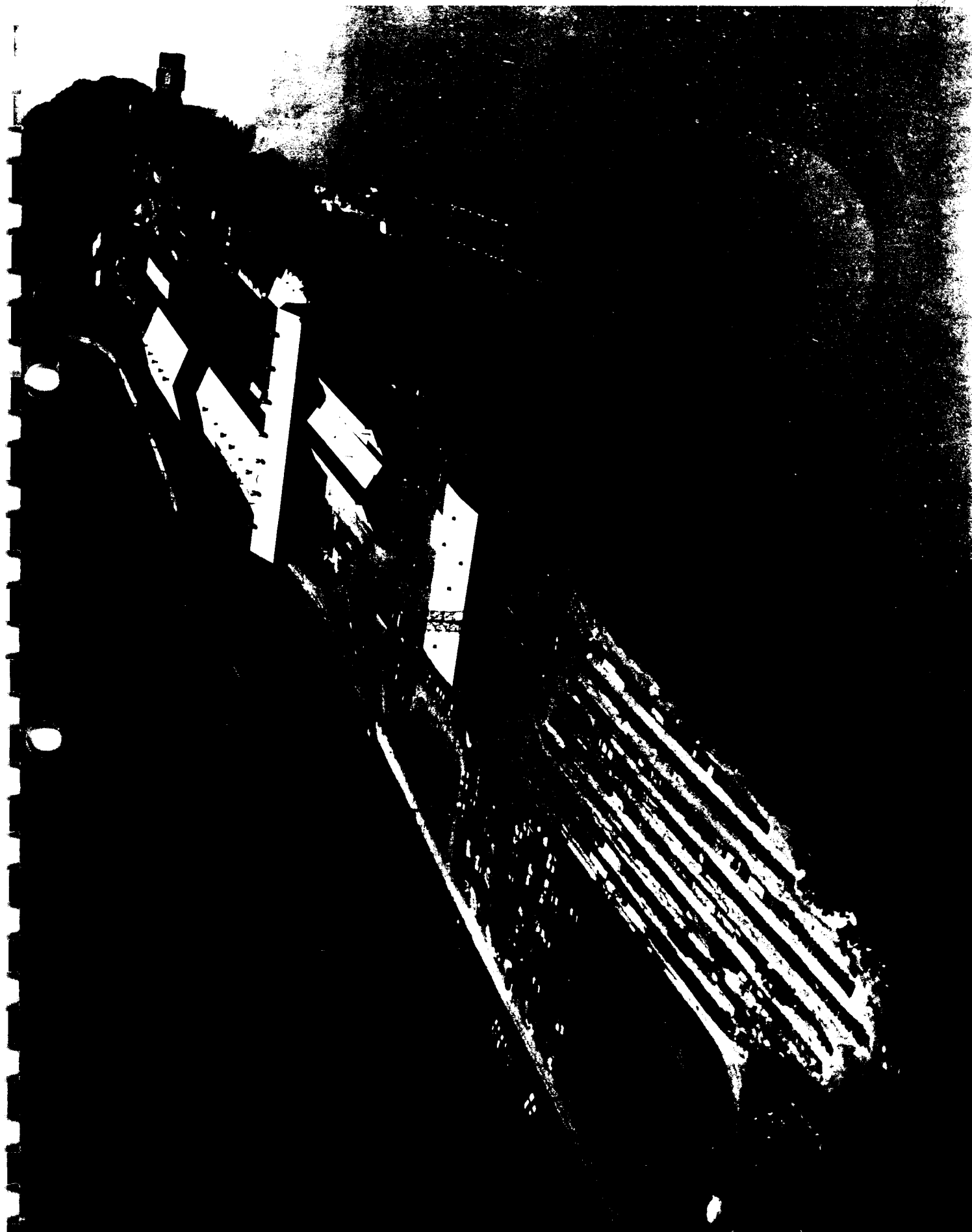
Lab Director

This report is rendered upon the condition that it is not to be produced wholly or in part for advertising or other purposes over my signature or in connection with my name without special permission in writing.

Laboratories serving states east of the Mississippi

USDA-EPA-NIOSH testing • Food Sanitation Consulting • Chemical and Microbiological Analyses and Research

ATTACHMENT 3



ORIGINAL
(Red)

ATTACHMENT 4

MATERIAL SAFETY
DATA SHEET

OK 1/22/85

000583

TECTYL 400C-WD

ORIGIN PAGE: 1

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

PRODUCT NAME: TECTYL 400C-WD

HBC BARGE INC

PO BOX 510

BROWNSVILLE

PA 15417

ATTN: PLANT MGR / SAFETY DIR.

 DB 70 000 0841638-000
 DATA SHEET NO: 0028880-001
 LATEST REVISION DATE: 02/84-84048
 PRODUCT: 500101+2
 INVOICE: 050540
 INVOICE DATE: 07/01/85
 TO:

FAYETTE COUNTY

BROWNSVILLE

PA

15417

SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: PETROLEUM BASED RUST PREVENTATIVE

HAZARD CLASSIFICATION: (??) COMBUSTIBLE (173.115)

SECTION II-HAZARDOUS COMPONENTS

INGREDIENT	PERCENT	PEL	TLV	
ALIPHATIC PETROLEUM DISTILLATES CAS #: 64742-88-7	30-60	500	100 PPM	(1)
ETHYLENE GLYCOL MONOBUTYL ETHER CAS #: 111-76-2	1-10	50	25 PPM - SKIN	(2)

(1): NIOSH RECOMMENDS A LIMIT OF 350 MG/CUM - 8 HOUR TIME WEIGHTED AVERAGE, 1800 MG/CUM AS DETERMINED BY A 15 MINUTE SAMPLE.

(2): SKIN ABSORPTION MAY POTENTIALLY CONTRIBUTE TO THE OVERALL EXPOSURE TO THIS MATERIAL. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT ABSORPTION SO THAT THE TLV IS NOT INVALIDATED.

SECTION III-PHYSICAL DATA

PROPERTY	REFINEMENT	MEASUREMENT
INITIAL BOILING POINT	FOR COMPONENT(30-60 %)	(300.00 DEG F 148.88 DEG C 2 760.00 MMHG)
VAPOR PRESSURE	FOR COMPONENT(30-60 %)	(2.00 MMHG 68.00 DEG F 20.00 DEG C)
VAPOR DENSITY		HEAVIER THAN AIR
SPECIFIC GRAVITY		LESS THAN WATER
PERCENT VOLATILES		30-60 %
EVAPORATION RATE		SLOWER THAN ETHER

SECTION IV-FIRE AND EXPLOSION DATA

FLASH POINT 100-200 DEG F
(38-94 DEG C)

EXPLOSIVE LIMIT (LOWEST VALUE OF COMPONENT) LOWER - 1.0%

EXTINGUISHING MEDIA: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC., SULFUR COMPOUNDS, CALCIUM OXIDE

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

UNUSUAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

SECTION V-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: FOR COMPONENT

 EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
 SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
 BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.
 SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

OK 6-16-85

MATERIAL SAFETY
DATA SHEET

000583

TECTYL 400C-WD

PAGE: 2

SECTION V-HEALTH HAZARD DATA (CONTINUED)

FIRST AID:

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

IF SWALLOWED: DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH: , STRONG OXIDIZING AGENTS.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS. PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

WASTE DISPOSAL METHOD:

SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DESTROY REMAINING MATERIAL BY BURNING IN AN IRON PAN.

LARGE SPILL: DESTROY BY LIQUID INCINERATION. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: , NEOPRENE, NITRILE RUBBER

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED, HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET MUST BE OBSERVED.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH ASHLAND OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

PAINTERS
SHELL & COATING

Material Safety Data Sheet
For Coatings, Resins, and Related Materials

ORIGINAL
ID#

Manufacturer's Name: Bradley Paint Company
608 W. Crawford Ave.
Connellsville, PA 15425

Emergency Telephone No:
412/628-9100 work hours
412/628-8093 after 5 PM

Date of Preparation: 10/22/85

Information Phone No:
412/628-9100

Section I - Product Identification

Product Number: ME-098

Product Name: #1082 RED BARGE PAINT

Product Class.: ALKYD SEMI-GLOSS PAINT

Section II - Hazardous Ingredients

Ingredient	CAS #	Percent	Occupational Exposure Limits TLV	Vapor Pressure
MINERAL SPIRITS	64742-88-7	40%	100 ppm	2.00 mmhg @ 20°C.
CALCIUM CARBONATE	1317-65-3	10%	10 mg/m ³ OF TOTAL DUST	N/A
ZIRCONIUM COMPOUND	7440-67-2	<0.5%	5 mg/m ³ AS ZIRCONIUM	1.00 mmhg @ 20°C.

OK 6-18-88

Section III - Physical Data

Boiling Range.....: 300°F.
Vapor Density.....: Heavier Than Air
Evaporation Rate...: Slower Than Ether
% Volatile Volume.: 62.7%
Wt. Per Gallon.....: 9.73LBS./GAL.

=====

Section IV - Fire and Explosion Hazard Data

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Flammability OHSA.: CLASS II Flash Point..: 100°F. (LOWEST COMPONENT)
Classification DOT..: COMBUSTIBLE LEL..: LOWER = 1.0%

Extinguishing Media: Foam..☒ "Alcohol" Foam..☐ CO2..☒
Dry Chemical..☒ Water Fog..☐ Other..☐

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

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Section V - Health Hazard Data

=====

Effects of Overexposure: EYES - Can cause severe irritation, redness, tearing, blurred vision. SKIN - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. BREATHING - Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. SWALLOWING - Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Medical Conditions Prone To Aggravation By Exposure: High vapor concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other central nervous system effects.

Primary Route(s) Of Entry: Dermal(SKIN) - Inhalation

Emergency and First Aid Procedures: Thoroughly wash exposed area with soap and water, flush eyes with large amounts of water. If swallowed do not induce vomiting, keep person warm and quiet. If inhaled remove person to fresh air, seek medical attention.

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Section VI - Reactivity Data

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Stability: Stable

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: None

Conditions To Avoid: Keep from fire, sparks, or ignition sources.

Incompatibility (Materials To Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

=====

Section VII - Spill or Leak Procedures

Steps to Be Taken In Case Material Is Released or Spilled: Keep people away. Add sand, earth or other suitable absorbent to spill area. Keep product out of sewers and watercourses by diking. Advise authorities if product has entered or may enter sewers or waterways.

Waste Disposal Method: Consult local authorities as product is considered a hazardous material and may be subject to disposal restrictions. Do not wash into sewers. Do not exhaust dusts into the air. Keep waste rags in a labeled safety container - do not incinerate. Disposal must be in accordance with state, local and federal regulations.

=====

Section VIII - Safe Handling and Use Information

Respiratory Protection: NIOSH approved respiratory protection must be used in accordance with existing standards and must be worn if TLV is exceeded. Ventilation: Provide greater than 60 feet per minute hood face velocity.

Protective Gloves: Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Hygienic Practices: Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water.

=====

Section IV - Special Precautions

Precautions To Be Taken In Handling and Storing: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Other Precautions: The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Bradley Paint Co. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

=====

HMIS RATING

HEALTH.....: 1
FLAMMABILITY.....: 2
REACTIVITY.....: 0
PERSONAL PROTECTION.: G

INTERIOR BOSS, STEEL & PAINTERS
WINGS
INTERIOR

Material Safety Data Sheet
For Coatings, Resins, and Related Materials

ORIGINAL

Manufacturer's Name: Bradley Paint Company
608 W. Crawford Ave.
Connellsville, PA 15425

Emergency Telephone No:
412/628-9100 work hours
412/628-8093 after 5 PM

Date of Preparation: 10/31/85

Information Phone No:
412/628-9100

Section I - Product Identification

Product Number: MP-670

Product Name: #2239-A FROST PROOF GRAY

Product Class.: ALKYD PAINT

Section II - Hazardous Ingredients

Ingredient	CAS #	Percent	Occupational Exposure Limits TLV	Vapor Pressure
VM & P NAPHTHA	64742-89-8	20%	300 ppm	15.00 mmhg @ 37.7
MINERAL SPIRITS	64742-88-7	25%	100 ppm	2.00 mmhg @ 20°C.
ZIRCONIUM COMPOUNDS	7440-67-2	<0.05%	5 mg/m ³ AS ZIRCONIUM	1.00 mmhg @ 20°C.
TITANIUM DIOXIDE	13463-67-7	5%	10 mg/m ³ OF TOTAL DUST	N/A
CALCIUM CARBONATE	1317-65-3	<5%	10 mg/m ³ OF TOTAL DUST	N/A

Section III - Physical Data

Boiling Range.....: 240°F.
Vapor Density.....: Heavier Than Air
Evaporation Rate...: Slower Than Ether
% Volatile Volume.: 64%
Wt. Per Gallon....: 9.16 LBS./GAL.

OK 6-11-88

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Section IV - Fire and Explosion Hazard Data

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Flammability OSHA.: CLASS IB Flash Point...: 50°F. (LOWEST COMPONENT)
Classification DOT...: FLAMMABLE LEL...: LOWER = 0.9%

Extinguishing Media: Foam..[X] "Alcohol" Foam..[] CO2..[X]
 Dry Chemical..[X] Water Fog..[] Other..[]

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

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Section VI - Reactivity Data

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Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: None

Conditions To Avoid: Keep from fire, sparks, or ignition sources.

Incompatibility (Materials To Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

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Steps to Be Taken In Case Material Is Released or Spilled: Keep people away. Add sand, earth or other suitable absorbent to spill area. Keep product out of sewers and watercourses by diking. Advise authorities if product has entered or may enter sewers or waterways.

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Other Protective Equipment: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

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Other Precautions: The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Bradley Paint Co. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

HMIS RATING

HEALTH.....: 1
FLAMMABILITY.....: 3
REACTIVITY.....: 0
PERSONAL PROTECTION.: G